

**REMARKS**

In response to the Final Office Action, dated October 22, 2003, Applicants have modified the claims in this Preliminary Amendment Accompanying RCE. More specifically, with reference to claims 2, 14, and 38, in paragraph 2 of the Office Action, Applicant notes that the referenced claims have been cancelled. Accordingly, Applicant requests that the Examiner withdraw these rejections.

Applicant respectfully requests reconsideration of the prior art rejections set forth by the Examiner under 35 USC § 103. Applicant submits that the references of record whether considered alone or in combination fail to either teach or suggest Applicant's presently claimed invention.

Applicant has modified all the independent claims to further require that the claimed polyhedron has both internal and external plane surfaces which are used to display information. Additionally, Applicant has further specified that the claimed polyhedron is displayed at an angle other than normal view. There is simply no teaching or suggestion whatsoever concerning the use of both internal and external plane surfaces for the display of information. The use of both internal and external surfaces advantageously provides a single display in which additional information may be intuitively displayed. Similarly, there is no teaching or suggestion concerning the use of a virtual mesh polyhedron with both internal and external plane surfaces and which is displayed at an angle other than normal view.

The references of record fail to teach or suggest these advances in the art. Mathews III et al. (U.S. Patent No. 5,724,492) is merely directed to an object consisting of multiple panels which connect to form the three-dimensional object. See Abstract. The user must spin/rotate the object to view and/or access the menu items on a panel. See Col. 13, lines 34-

66; See also Fig. 13. This is disadvantageous because the object of Mathews III et al. must either consist of considerable number of panels or only display a few panels with limited information when a considerable amount of information or menus are present. On the other hand, the present invention inherently and readily displays any amount of information using both internal and external surfaces.

Nakano et al., U.S. Patent No. 6,043,818, simply describes a three-dimensional graphical user interface which displays a background image such as a cubic display, for example a room, with interactive three-dimensional icons or menus on the display. See generally, Summary of the Invention. Nakano et al. neither teaches or suggests the use of polyhedron comprising both internal and external plane surfaces to display information.

Williams et al., U.S. Patent No. 5,977,964, describes a method for configuring a system based on a user's monitored interactions and preferred access times. In one embodiment, the system provides a schedule grid which displays current channel selections as well as other guide information available from a programming database. See Col. 7, lines 31-37; Col. 9, lines 5-10. Nonetheless, Williams does not teach nor suggest the use of a virtual mesh polyhedron comprising both internal and external plane surfaces wherein both the internal and external surfaces display information. The references of record fail to teach or suggest this advance in the art.

Applicant respectfully submits that all claims now stand in condition for allowance.

Appl. No. 09/665,367  
Amdt. Dated April 22, 2004  
Reply to Final Office Action of October 22, 2003

Respectfully submitted,

Date: April 22, 2004

  
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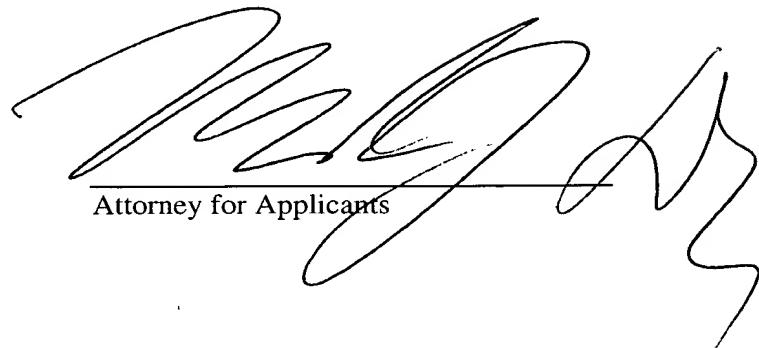
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